

FIG. 1

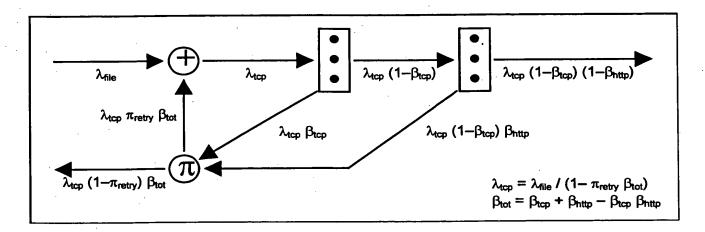


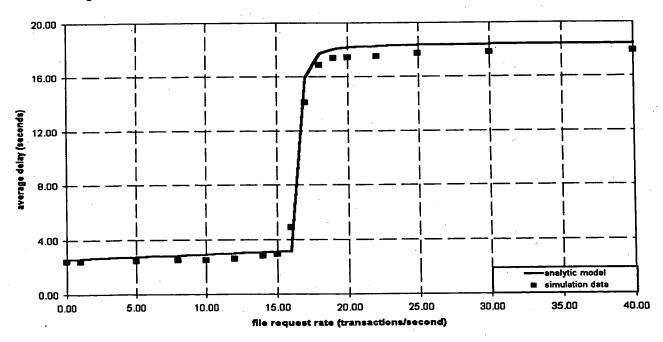
FIG. 2

20.00 16.00 server throughput (transactions/second) 12.00 8.00 4.00 analytic model simulation data 0.00 1 35.00 40.00 30.00 25.00 0.00 10.00 15.00 20.00

Figure 3.a. Simulated and approximated server thr ughput versus transaction request rate



file request rate (transactions/second)



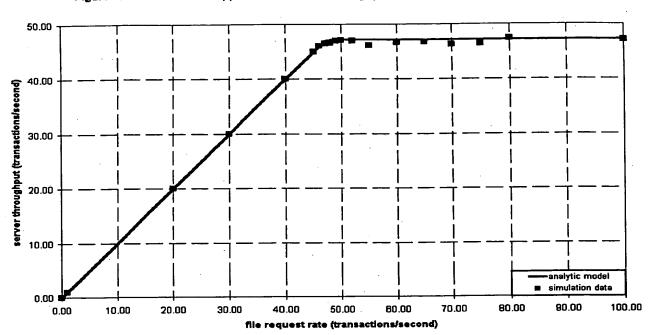
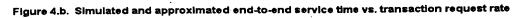
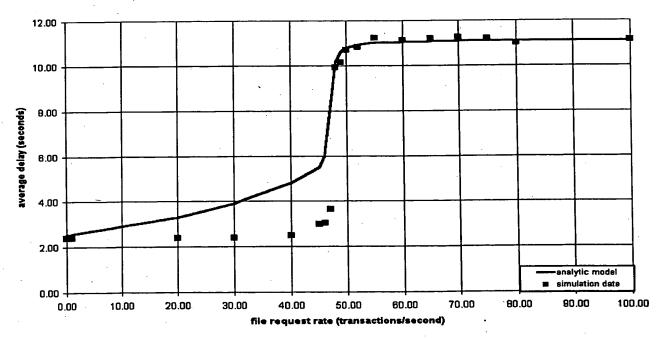


Figure 4.a. Simulated and approximated server throughput versus transaction request rate

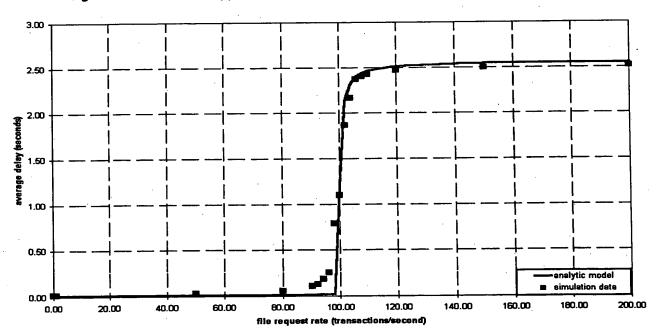




120.00 100.00 server throughput (transactions/second) 80.00 60.00 40.00 20.00 analytic model simulation data 0.00 140.00 180.00 180.00 200.00 00.08 100.00 120.00 0.00 20.00 40.00 60.00 file request rate (transactions/second)

Figure 5.a. Simulated and approximated server throughput versus transaction request rate





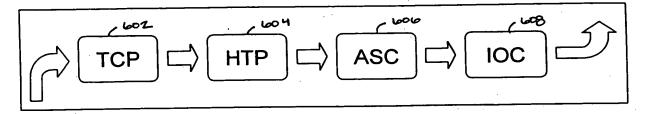


FIG. 6

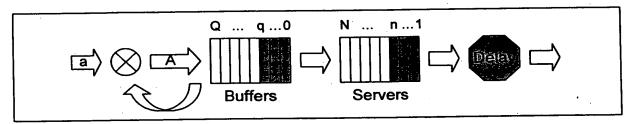


FIG. 7

